Global Management of Thermal Energy

More than 100 Years of Experience
thenex® GmbH and BEROA – KARRENA, now a member of DOMINION Industry, stand for the approved commitment to offer excellent systems and comprehensive solutions for industrial services, especially in refractory materials and linings, external insulation, acid and fire-proofing.

Suspended Roofs & Walls
The patent for the KARRENA suspended roof was granted in 1921, and since then constantly improved. It is still being used in the most diverse furnace types worldwide. Complex systems combine thermal and structural designs achieving the desired parameters regarding energy loss and durability, while allowing easy maintenance and replacement.

Refractory Materials & Prefabricated Parts
BEROA manufactures high-quality monolithic materials under various names and registered trademarks, and produces cast, vibrated and rammed prefabricated parts as well as complete linings.

Quality Management System Certificates
General and order-based risk identification and assessments, regular precautionary and scheduled check-ups by the occupational health services, internal and external qualification measures from accident prevention to emergency training – all of these ensure at all times an optimal safety level: SCCP:2011 and DIN ISO 9001:2008.
Innovation to Improve Technology, Efficiency & Safety!

**Technologies**
- Refractory Materials, Linings, Pre-cast Shapes
- Refractory & Mechanical Assembly
- KARRENA Suspended Roofs & Walls
- Shotcrete Method
- Robot Shooter for Blast Furnaces
- Fire & Acid-Proofing
- BEROA NOVOCOS Ceramic Welding
- Acid-Resistant Linings
- Hot Chimney Repair & Camera Inspections Technology
- External Insulation
- Test Furnace Engineering
- Technical Demolition
- Energy Efficiency

**Services**
- Engineering & Design
- Consultancy & Inspection
- Supervision & Construction
- Materials Supply
- Maintenance & Hot Repairs

**Applications in Industries such as**
- Iron & Steel
- Glass
- Cement, Lime & Ceramics
- Aluminium & Non-Ferrous Metal
- Mining
- Waste to Energy & Power Generation
- Chemical & Petrochemical